



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

New Mexico State Office  
1474 Rodeo Rd.  
P.O. Box 27115  
Santa Fe, New Mexico 87502-0115  
www.nm.blm.gov

June 22, 2004

C.B. Thomson  
Director, Surveying Division  
Texas General Land Office  
Stephen F. Austin Bldg.  
1700 North Congress Ave.  
Austin, Texas 78701-1495

Dear Sir:

Please find enclosed, copies of the plats and field notes for the survey of the Bureau's Helium Plant lands (Crossbar Ranch) in Potter County Texas, executed by D.G. Smythe, Texas Registered Surveyor, and the plat of survey of Section 78, Block 9, Potter County Texas, executed by this office.

If you have any questions, please contact me at (505) 438-7494.

Sincerely,

Stephen W. Beyerlein  
Acting Chief Cadastral Surveyor  
Bureau of Land Management  
New Mexico State Office

Attachments: Plats (5)  
Notes (1)

File No. Sketch File 24 A  
Potter  
"Cross-Bar Ranch"  
Cover letter - 11,790.0 ac. survey County  
Date Filed: June 28, 2004  
By Jerry E. Fennell, Commissioner  
By Douglas A. Howard  
Filed for Information Only  
See Potter Rolled Sketch 13  
COUNTER NOS. 82476-82479

COUNTER 82463

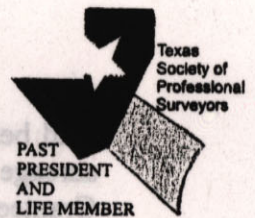


# D. G. Smyth & Co.

## Statewide Land Surveying Service

GPS & Conventional

1022 Garner Field Road, Suite D  
Uvalde, TX 78801



PAST  
PRESIDENT  
AND  
LIFE MEMBER

(830) 591-0858  
(830) 591-0863 Fax

# DUPLICATE

### FIELD NOTES FOR AN 11790.0 ACRES SURVEY COMPLETED MARCH 15, 2003

Being 11790.0 acres of land lying wholly in Potter County, Texas, joined on the north by the southern limits of the Canadian River and being the same lands known as "The Cross-Bar Ranch" and described as 11633.8 acres in conveyance from Humble Oil Refining Company to the United States of America as dated March 6, 1931, and recorded September 19, 1931, in Volume 227, Page 221 of the Deed Records of Potter County, Texas, and being comprised of all or part of the following original surveys:

|                                  |           |               |           |
|----------------------------------|-----------|---------------|-----------|
| Gunter & Munson, Block G&M 5     | Survey 43 | Abst. No. 538 | 105.3 Ac. |
| Gunter & Munson, Block G&M 5     | Survey 48 | Abst. No. 543 | 37.5 Ac.  |
| Gunter & Munson, Block G&M 5     | Survey 42 | Abst. No. 537 | 641.7 Ac. |
| Gunter & Munson, Block G&M 5     | Survey 41 | Abst. No. 536 | 652.0 Ac. |
| Gunter & Munson, Block G&M 5     | Survey 45 | Abst. No. 540 | 844.7 Ac. |
| Gunter & Munson, Block G&M 5     | Survey 40 | Abst. No. 535 | 540.2 Ac. |
| Gunter & Munson, Block G&M 5     | Survey 39 | Abst. No. 534 | 831.2 Ac. |
| Gunter & Munson, Block G&M 5     | Survey 38 | Abst. No. 533 | 657.8 Ac. |
| Gunter & Munson, Block G&M 5     | Survey 37 | Abst. No. 532 | 863.0 Ac. |
| Gunter & Munson, Block G&M 5     | Survey 36 | Abst. No. 531 | 635.5 Ac. |
| Gunter & Munson, Block G&M 5     | Survey 35 | Abst. No. 530 | 565.5 Ac. |
| Gunter & Munson, Block G&M 5     | Survey 34 | Abst. No. 529 | 651.1 Ac. |
| Gunter & Munson, Block G&M 5     | Survey 33 | Abst. No. 528 | 651.2 Ac. |
| Gunter & Munson, Block G&M 4     | Survey 3  | Abst. No. 479 | 331.2 Ac. |
| Gunter & Munson, Block G&M 4     | Survey 4  | Abst. No. 481 | 423.9 Ac. |
| Gunter & Munson, Block G&M 4     | Survey 1  | Abst. No. 477 | 133.7 Ac. |
| J. Poitevent Survey, Block 21W   | Survey 19 | Abst. No. 313 | 645.4 Ac. |
| G. C. & S. F. RR. CO., Block 21W | Survey 27 | Abst. No. 309 | 645.2 Ac. |
| A. C. H. & B. Survey, Block 21W  | Survey 35 | Abst. No. 269 | 644.1 Ac. |
| G. C. & S. F. RR. CO., Block 21W | Survey 21 | Abst. No. 310 | 644.2 Ac. |
| G. C. & S. F. RR. CO., Block 21W | Survey 29 | Abst. No. 308 | 645.6 Ac. |

File No. Sketch File 24 B

TOTAL 11790.0 Ac.

Potter County

"Cross-Bar Ranch"  
Field Notes for 11,790.0 ac. Survey

Filed For Information Only

Date Filed: June 28, 2004

See Potter Co. Rolled Sketch 13

Jerry E. Patterson, Commissioner

By Douglas Howard

Potter Co. SK. File 24 B-1

And being described as "TRACT A" containing 13079.3 acres, SAVE & EXCEPT the acreage contained in G. C. & S. F. RR. CO. Block 21W, Survey 22 (P. B. Fuqua Original Grantee), Abstract No. 1115, containing 643.9 acres and described herewith as "TRACT B", and also SAVE & EXCEPT the acreage contained in G. C. & S. F. RR. CO. Block 21W, Survey 30 (Minnie Laughlin Original Grantee), Abstract No. 1291, containing 645.4 acres and described herewith as "TRACT C", leaving a net acreage of 11790.0 acres, and each so designated tract being more particularly described by metes and bounds as follows: (The courses shown herein are true astronomic for all practical purposes and intent as derived by applying a universal rotation of 00° 15' 34" in a counterclockwise rotation to courses conforming to the Texas Coordinate System, North American Datum 1983, Texas North Zone.) (All corners called for as being set are marked on the ground with standard BLM monuments referenced as noted with BLM reference monuments set as noted on compass courses stated with no corrections applied for magnetic declination.)

**TRACT A**  
(13079.3 Acres)

**BEGINNING** at a stone found marking a reentrant corner of Gunter & Munson Block GM5, Survey 37 and the northwest corner of Gunter & Munson Block M19, Survey 30, from which point a reference monument was set bearing a compass course of S 39° E, at a distance of 3.41 feet and another reference monument was set on a compass course of S 63° W, at a distance of 3.82 feet;

**THENCE:** S 00° 13' 05" W along the common line between said Survey numbers 30 and 37 for a distance of 1234.45 feet to three stones found marking the northeast corner of Gunter & Munson Block G&M 4, Survey 1 on the west line of said Survey 30, from which point a reference monument was set bearing a compass course of N 34° E, at a distance of 3.87 feet and another reference monument was set on a compass course of N 46° W, at a distance of 2.49 feet;

**THENCE:** S 00° 07' 15" W along the common line between said Survey numbers 30 and 1, at 1399.18 feet passing a BLM monument set for the southeast corner of said Survey 1, the southwest corner of said Survey 30, the northeast corner of A. C. H. & B. Survey 35, and the northwest corner of said Block G&M M19, Survey 29, from which point a BLM reference monument was set bearing a compass course of S 66° W, at a distance of 3.5 feet and another reference monument was set on a compass course of S 58° E, at a distance of 4.2 feet, and continuing along the same course along the common line between said Survey numbers 29 and 35 for a total distance of 6673.13 feet to a sucker rod found replacing the original stone corner monument at the common corner of said Survey numbers 29 and 35, Survey 26 of said Block M 19, and A. C. H. & B. Survey 36 (Minnie Laughlin Original Grantee) and from which point a reference monument was set bearing a compass course of S 70° W, at a distance of 4.73 feet, and another reference monument was set on a compass course of S 53° E, at a distance of 4.82 feet;

\_\_\_\_\_  
County  
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Date Filed: \_\_\_\_\_  
Jerry E. Patterson, Commissioner

**THENCE:** N 89° 57' 26" W along the common line between said Survey numbers 35 and 36 for a distance of 5315.95 feet to a stone found marking the southwest corner of said Survey 35, the northwest corner of said Survey 36, the southeast corner of G. C. & S. F. RR. CO., Block 21W, Survey 30 (Minnie Laughlin Original Grantee), and the northeast corner of G. C. & S. F. RR. CO., Block 21W, Survey 29 and from which point a reference monument was set bearing a compass course of S 06° W, at a distance of 5.35 feet, and another reference monument was set on a compass course of S 84° E, at a distance of 4.05 feet;

**THENCE:** S 00° 07' 40" W along the common line between said Survey numbers 29 and 36 for a distance of 5281.44 feet to a BLM monument set for the southeast corner of said Survey 29, the southwest corner of said Survey 36, the northeast corner of B. S. & F. Block 6, Survey 16, and the northwest corner of said B. S. & F. Block 6, Survey 9, from which point a BLM reference monument was set bearing a compass course of N 10° E, at a distance of 8.1 feet and another reference monument was set on a compass course of N 10° W, at a distance of 14.4 feet;

**THENCE:** N 89° 52' 20" W along the common line between said Survey numbers 29 and 16 for a distance of 5323.83 feet to a BLM monument set for the southeast corner of said Survey 28, the southwest corner of said Survey 29, the northeast corner of B. S. & F. Block 6, Survey 17, and the northwest corner of said B. S. & F. Block 6, Survey 16, from which point a BLM reference monument was set bearing a compass course of S 37° W, at a distance of 6.2 feet and another reference monument was set on a compass course of S 88° W, at a distance of 4.40 feet;

**THENCE:** N 00° 07' 40" E along the common line between said Survey numbers 28 and 29 for a distance of 5283.12 feet to a BLM monument set for the northeast corner of said Survey 28, the northwest corner of said Survey 29, the southeast corner of G. C. & S. F. RR. CO., Block 21W, Survey 27, and the southwest corner of said G. C. & S. F. RR. CO., Block 21W, Survey 30 (Minnie Laughlin Original Grantee), from which point a BLM reference monument was set bearing a compass course of N 29° W, at a distance of 10.38 feet and another reference monument was set on a compass course of S 73° W, at a distance of 19.85 feet;

**THENCE:** N 89° 51' 14" W along the common line between said Survey numbers 27 and 28 for a distance of 5323.83 feet to a stone found marking the southwest corner of said Survey 27, the northwest corner of said Survey 28, the southeast corner of G. C. & S. F. RR. CO., Block 21W, Survey 22 (P. B. Fuqua Original Grantee) and the northeast corner of G. C. & S. F. RR. CO., Block 21W, Survey 21 from which point a BLM reference monument was set bearing a compass course of S 82° W, at a distance of 4.60 feet;

**THENCE:** S 00° 07' 40" W along the common line between said Survey numbers 28 and 21 for a distance of 5284.81 feet to a BLM monument set for the southwest corner of said Survey 28, the southeast corner of said Survey 21, the northeast corner of B. S. & F. Block 6 Survey 24 (Minnie Laughlin Original Grantee), and the northwest corner of said

B. S. & F. Block 6, Survey 17 from which point a BLM reference monument was set bearing a compass course of N 81° E, at a distance of 9.8 feet and another reference monument was set on a compass course of S 6° E, at a distance of 28.5 feet;

**THENCE:** N 89° 52' 20" W along the common line between said Survey numbers 21 and 24 for a distance of 5311.50 feet to a BLM monument set for the southwest corner of said Survey 21, the northwest corner of said Survey 24, the southeast corner of G. C. & S. F. RR. CO. Block 21W, Survey 20 (P. B. Fuqua Original Grantee), and the northeast corner of said B. S. & F. Block 6, Survey 25 from which point a BLM reference monument was set bearing a compass course of S 59° W, at a distance of 10.11 feet and another reference monument was set on a compass course of S 5° W, at a distance of 19.64 feet;

**THENCE:** N 00° 07' 40" E along the common line between said Survey numbers 20 and 21 for a distance of 5281.03 feet to a stone found marking the northwest corner of said Survey 21, the northeast corner of said Survey 20, the southwest corner of G. C. & S. F. RR. CO. Block 21W, Survey 22, (P. B. Fuqua Original Grantee), and the southeast corner of J. Poitevent Block 21W, Survey 19 from which point a BLM reference monument was set bearing a compass course of S 12° E, at a distance of 2.79 feet and another reference monument was set on a compass course of N 80° E, at a distance of 3.1 feet;

**THENCE:** N 89° 53' 40" W along the common line between said Survey numbers 19 and 20 for a distance of 5322.69 feet to a BLM monument set for the southwest corner of said Survey 19, the northwest corner of said Survey 20, the southeast corner of E. L. & R. R. RR. CO. Block 21W, Survey 14 (P. B. Fuqua Original Grantee), and the northeast corner of E. L. & R. R. RR. CO. Block 21W, Survey 13, from which point a BLM reference monument was set bearing a compass course of N 4° E, at a distance of 8.15 feet and another reference monument was set on a compass course of N 64° E, at a distance of 11.51 feet;

**THENCE:** N 00° 07' 40" E along the common line between said Survey numbers 19 and 14 for a distance of 5282.38 feet to a BLM monument set for the northwest corner of said Survey 19 and the northeast corner of said Survey 14 lying on the south line of Gunter and Munson Block G & M 4, Survey 2, from which point a BLM reference monument was set bearing a compass course of N 79° E, at a distance of 5.52 feet and another reference monument was set on a compass course of N 5° W, at a distance of 22.82 feet;

**THENCE:** S 89° 53' 35" E along the common line between said Survey numbers 19 and 2, at 2990.77 feet passing a stone found marking the southeast corner of said Survey 2 and the southwest corner of said Gunter and Munson Block G & M 4, Survey 3, from which point a BLM reference monument was set bearing a compass course of S 58° W, at a distance of 4.65 feet, and continuing along the same course with the common line between said Survey numbers 19 and 3 for a total distance of 5322.69 feet to stone found

marking the northeast corner of said Survey 19 and the northwest corner of G. C. & S. F. RR. CO. Block 21 W, Survey 22 (P. B. Fuqua Original Grantee) on the south line of said Gunter and Munson Block G & M 4, Survey 3 from which point a BLM reference monument was set bearing a compass course of S 58° E, at a distance of 3.64 feet and another BLM reference monument was set bearing a compass course of S 45° W, at a distance of 5.00 feet;

**THENCE:** N 59° 41' 19" E, generally with the occupied fence for a distance of 1165.74 feet to the cedar fence corner post marking a deflection corner of the herein described tract and from which point a BLM reference monument was set bearing a compass course of N 74° W, at a distance of 3.38 feet; and another reference monument was set on a compass course of N 01° W, at a distance of 1.97 feet;

**THENCE:** N 43° 54' 00" E, generally with the occupied fence for a distance of 1418.92 feet to the 7" diameter cedar fence corner post marking a deflection corner of the herein described tract and from which point a BLM reference monument was set bearing a compass course of N 02° W, at a distance of 3.48 feet;

**THENCE:** N 00° 06' 11" W, generally with the occupied fence for a distance of 1638.81 feet to a large stone found marking a deflection corner of the herein described tract on the common line between Gunter & Munson Block G & M 4, Survey 3 and Gunter & Munson Block GM 5, Survey 48 and from which point a BLM reference monument was set bearing a compass course of S 40° W, at a distance of 2.23 feet, and another reference monument was set on a compass course of N 63° W, at a distance of 3.54 feet;

**THENCE:** N 00° 11' 31" W, generally with the occupied fence for a distance of 1999.41 feet to a large stone found marking a deflection corner of the herein described tract on the common line between Gunter & Munson Block GM 5, Survey numbers 48 and 43 and from which point a BLM reference monument was set bearing a compass course of S 37° W, at a distance of 2.99 feet, and another reference monument was set on a compass course of N 79° W, at a distance of 4.60 feet;

**THENCE:** N 00° 00' 47" E, generally with the occupied fence for a distance of 833.86 feet to a BLM monument set for a deflection corner of the herein described tract and from which point a BLM reference monument was set bearing a compass course of N 33° E, at a distance of 3.27 feet;

**THENCE:** N 02° 00' 49" E, generally with the occupied fence for a distance of 450.05 feet to a BLM monument set for a deflection corner of the herein described tract and from which point a BLM reference monument was set bearing a compass course of N 24° E, at a distance of 4.27 feet;

**THENCE:** N 00° 36' 55" W, generally with the occupied fence for a distance of 4165.35 feet to a large stone found marking a deflection corner of the herein described tract from which point a BLM reference monument was set bearing a compass course of

N 65° W, at a distance of 6.98 feet, and another reference monument was set on a compass course of S 50° W, at a distance of 7.66 feet;

**THENCE:** N 00° 15' 29" W, generally with the occupied fence at a distance of 6302.43 feet passing a BLM point on line monument set for reference on the south high bank of the Canadian River and from which point a BLM reference monument was set bearing a compass course of N 35° E, at a distance of 5.37 feet and continuing along the same course for a total distance of 6459.77 feet to the present southern gradient boundary of said Canadian River;

**THENCE:** Progressing easterly along and with the southern gradient boundary of the Canadian River for the following forty-nine (49) calls which approximate said gradient boundary as of this date:

1. N 84° 06' 49" E for a distance of 245.23 feet to a bridge spike set by a metal "T" guard post.
2. S 85° 35' 14" E, at 176.54 feet passing the common Canadian River corner of Gunter & Munson Block GM 5 Survey numbers 43 and 42 and continuing along the same course for a total distance of 840.46 feet to a bridge spike set by a metal "T" guard post.
3. S 63° 07' 14" E for a distance of 1012.29 feet to a bridge spike set by a metal "T" guard post.
4. S 61° 15' 20" E for a distance of 586.33 feet to a bridge spike set by a metal "T" guard post.
5. S 52° 22' 03" E, at 704.59 feet passing the common Canadian River corner of Gunter & Munson Block GM 5 Survey numbers 42 and 41 and continuing along the same course for a total distance of 783.26 feet to a bridge spike set by a metal "T" guard post.
6. N 88° 32' 18" E for a distance of 474.59 feet to a bridge spike set by a metal "T" guard post.
7. S 68° 41' 36" E for a distance of 616.73 feet to a bridge spike set by a metal "T" guard post.
8. S 53° 55' 12" E for a distance of 683.54 feet to a bridge spike set by a metal "T" guard post.
9. S 24° 38' 58" E for a distance of 758.28 feet to a bridge spike set by a metal "T" guard post.
10. S 13° 54' 25" W for a distance of 676.05 feet to a bridge spike set by a metal "T" guard post.
11. S 22° 24' 14" W for a distance of 962.66 feet to a bridge spike set by a metal "T" guard post.
12. S 14° 51' 28" W for a distance of 489.95 feet to a bridge spike set by a metal "T" guard post.
13. S 46° 06' 15" E for a distance of 958.52 feet to a bridge spike set by a metal "T" guard post.
14. S 51° 48' 47" E for a distance of 756.10 feet to a bridge spike set by a metal "T" guard post.

15. S 53° 47' 50" E for a distance of 1025.91 feet to a bridge spike set by a metal "T" guard post.
16. S 73° 27' 13" E for a distance of 986.16 feet to a bridge spike set by a metal "T" guard post.
17. S 75° 27' 15" E, at 866.65 feet passing the common Canadian River corner of Gunter & Munson Block GM 5 Survey numbers 41 and 40 and continuing along the same course for a total distance of 1006.78 feet to a bridge spike set by a metal "T" guard post.
18. S 82° 39' 01" E for a distance of 1017.74 feet to a bridge spike set by a metal "T" guard post.
19. S 88° 10' 08" E for a distance of 995.88 feet to a bridge spike set by a metal "T" guard post.
20. N 79° 26' 38" E for a distance of 966.12 feet to a bridge spike set by a metal "T" guard post.
21. N 81° 30' 16" E for a distance of 1007.30 feet to a bridge spike set by a metal "T" guard post.
22. N 83° 11' 08" E, at 614.43 feet passing the common Canadian River corner of Gunter & Munson Block GM 5 Survey numbers 40 and 38 and continuing along the same course for a total for a distance of 962.22 feet to a bridge spike set by a metal "T" guard post.
23. N 70° 13' 33" E for a distance of 1027.39 feet to a bridge spike set by a metal "T" guard post.
24. N 65° 27' 07" E for a distance of 370.20 feet to a bridge spike set by a metal "T" guard post.
25. N 24° 53' 17" E for a distance of 817.25 feet to a bridge spike set by a metal "T" guard post.
26. N 37° 03' 40" E for a distance of 988.41 feet to a bridge spike set by a metal "T" guard post.
27. N 37° 33' 26" E for a distance of 981.33 feet to a bridge spike set by a metal "T" guard post.
28. N 52° 18' 45" E for a distance of 174.41 feet to a bridge spike set by a metal "T" guard post.
29. S 89° 09' 44" E for a distance of 375.70 feet to a bridge spike set by a metal "T" guard post.
30. S 55° 41' 30" E for a distance of 1000.40 feet to a bridge spike set by a metal "T" guard post.
31. S 61° 37' 08" E for a distance of 978.03 feet to a bridge spike set by a metal "T" guard post.
32. S 70° 07' 32" E, at 73.60 feet passing the common Canadian River corner of Gunter & Munson Block GM 5 Survey numbers 38 and 36 and continuing along the same course for a total distance of 771.60 feet to a bridge spike set by a metal "T" guard post.
33. N 82° 20' 27" E for a distance of 583.96 feet to a bridge spike set by a metal "T" guard post.
34. N 00° 09' 50" E for a distance of 487.08 feet to a bridge spike set by a metal "T" guard post.





35. N 32° 24' 01" E for a distance of 724.93 feet to a bridge spike set by a metal "T" guard post.
36. N 45° 53' 18" E for a distance of 782.39 feet to a bridge spike set by a metal "T" guard post.
37. N 75° 08' 13" E for a distance of 820.00 feet to a bridge spike set by a metal "T" guard post.
38. N 79° 51' 43" E for a distance of 1113.10 feet to a bridge spike set by a metal "T" guard post.
39. N 77° 53' 59" E for a distance of 998.34 feet to a bridge spike set by a metal "T" guard post.
40. N 72° 41' 35" E, at 222.95 feet passing the common Canadian River corner of Gunter & Munson Block GM 5 Survey numbers 36 and 34 and continuing along the same course for a total distance of 988.66 feet to a bridge spike set by a metal "T" guard post.
41. N 57° 25' 19" E for a distance of 495.69 feet to a bridge spike set by a metal "T" guard post.
42. N 22° 28' 15" E for a distance of 817.19 feet to a bridge spike set by a metal "T" guard post.
43. N 32° 23' 22" E for a distance of 857.40 feet to a bridge spike set by a metal "T" guard post.
44. N 58° 41' 07" E for a distance of 792.30 feet to a bridge spike set by a metal "T" guard post.
45. N 83° 35' 56" E, at 84.61 feet passing the common Canadian River corner of Gunter & Munson Block GM 5 Survey numbers 34 and 33 and continuing along the same course for a total for a distance of 559.88 feet to a bridge spike set by a metal "T" guard post.
46. S 54° 08' 49" E for a distance of 474.05 feet to a bridge spike set by a metal "T" guard post.
47. S 46° 21' 06" E for a distance of 1024.43 feet to a bridge spike set by a metal "T" guard post.
48. S 51° 43' 46" E for a distance of 729.50 feet to a bridge spike set by a metal "T" guard post.
49. S 53° 23' 46" E for a distance of 595.47 feet to the common Canadian River corner of Gunter & Munson Block GM 5 Survey numbers 33 and 32.

**THENCE:** S 00° 00' 22" E, along the common line between said Survey numbers 33 and 32, at 1349.63 feet passing a 1" diameter pipe and rock mound and continuing along the same course passing the southwest corner of said Survey 32 at the northwest corner of Gunter & Munson Block GM 5, Survey 35, and in all a distance of 3345.01 feet to a 2" diameter metal pipe found marking a corner of the herein described tract and from which point a BLM reference monument was set bearing a compass course of S 41° E, at a distance of 19.05 feet and another reference monument was set on a compass course of N 69° E, at a distance of 14.1 feet;

**THENCE:** S 89° 59' 44" E, at 656.41 feet crossing the physical centerline of the existing railroad tracks of the existing railroad and continuing along the same course for a

total distance of 1358.97 feet to a BLM monument set for a retracement corner of the herein described tract from which point a BLM reference monument was set bearing a compass course of S 66° W, at a distance of 13.2 feet and another reference monument was set on a compass course of S 22° E, at a distance of 17.45 feet;

**THENCE:** S 00° 18' 34" E for a distance of 1429.39 feet to a steel stake with an identification cap stamped "HOWLAND" attached for a corner of the herein described tract and from which point a BLM reference monument was set bearing a compass course of S 89° E, at a distance of 12.7 feet and another reference monument was set on a compass course of N 14° E, at a distance of 16.0 feet;

**THENCE:** N 89° 25' 35" W, at 516.96 feet crossing the physical centerline of the existing railroad tracks of the existing railroad and continuing along the same course for a total distance of 612.67 feet to a steel stake with an identification cap stamped "HOWLAND" attached for a corner of the herein described tract and being a reentrant corner of Gunter & Munson Block GM5, Survey 35 and the northwest corner of A. C. H. & B. Block 4, Survey 1 and from which point a BLM reference monument was set bearing a compass course of N 5° W, at a distance of 11.2 feet and another reference monument was set on a compass course of S 83° W, at a distance of 12.95 feet;

**THENCE:** S 00° 31' 38" E, at 848 ½' meeting the occupied fence at an ell corner of same and continuing generally with the occupied fence and along the common line between said Survey numbers 35 and 1, at 5280.09 feet passing a 2" diameter galvanized pipe and rock mound marking the southwest corner of said A. C. H. & B. Block 4, Survey 1 and in all along the same course for a total distance of 7916.96 feet to the stone found marking the southeast corner of said Gunter & Munson Block GM5, Survey 35 and the northeast corner of Gunter & Munson Block M 19, Survey 30 and from which point a BLM reference monument was set bearing a compass course of N 77° W, at a distance of 14.8 feet and another reference monument was set on a compass course of N 63° W, at a distance of 33.9 feet;

**THENCE:** S 89° 55' 37" W, generally with the occupied fence and along the common line between said Survey numbers 35 and 30 for a distance of 6836.52 feet to the rock mound found marking the southwest corner of said Gunter & Munson Block GM5, Survey 35 and the southeast corner of Gunter & Munson Block GM5, Survey 37 on the north line of said Survey 30 and from which point a BLM reference monument was set bearing a compass course of S 49° E, at a distance of 3.3 feet and another reference monument was set on a compass course of S 56° W, at a distance of 13.76 feet;

**THENCE:** N 89° 43' 18" W, generally with the occupied fence and along the common line between said Survey numbers 37 and 30 for a distance of 3657.26 feet to the **PLACE OF BEGINNING** and containing 13079.3 acres within the heretofore described boundary as determined by a survey completed March 15, 2003, by D.G. SMYTH & CO.

**SAVE & EXCEPT**

**TRACT B**  
**(643.9 Acres)**

All of the G. C. & S. F. RR. CO. Block 21W, Survey 22 (P. B. Fuqua Original Grantee) lying wholly in Potter County, Texas, and being more particularly described by metes and bounds as follows:

**BEGINNING** at a stone found marking the southeast corner of the herein described Survey 22, the southwest corner of G. C. & S. F. RR. CO. Block 21W, Survey 27, the northwest corner of G. C. & S. F. RR. CO. Block 21W, Survey 28 (Minnie Laughlin Original Grantee), and the northeast corner of G. C. & S. F. RR. CO. Block 21W, Survey 21 and from which point a BLM reference monument was set bearing a compass course of S 82° W, at a distance of 4.60 feet;

**THENCE:** N 89° 54' 46" W along the common line between said Survey numbers 22 and 21 for a distance of 5311.50 feet to a stone found marking the southwest corner of the herein described Survey 22, the northwest corner of said Survey 21, the northeast corner of G. C. & S. F. RR. CO. Block 21W, Survey 20, and the southeast corner of J. Poitevent Block 21W, Survey 19 from which point a BLM reference monument was set bearing a compass course of S 12° E, at a distance of 2.79 feet and another reference monument was set on a compass course of N 80° E at a distance of 3.1 feet;

**THENCE:** N 00° 07' 40" E along the common line between said Survey numbers 22 and 19 for a distance of 5282.26 feet to a stone found marking the northwest corner of the herein described Survey 22 and the northeast corner of said Survey 19 on the south line of Gunter & Munson Block G & M 4, Survey 3 from which point a BLM reference monument was set bearing a compass course of S 58° E, at a distance of 3.64 feet and another BLM reference monument was set bearing a compass course of S 45° W, at a distance of 5.00 feet;

**THENCE:** S 89° 52' 20" E along the common line between the herein described Survey 22 and said Survey 3, at 4955.97 feet passing a BLM monument set for the southeast corner of said Survey 3 from which point a BLM reference monument was set bearing a compass course of N 77° E, at a distance of 7.41 feet and continuing along the same course for a total distance of 5311.50 feet to a BLM monument set for the northeast corner of the herein described Survey 22 and the northwest corner of G. C. & S. F. RR. CO. Block 21W, Survey 27 on the south line of Gunter & Munson Block G & M 4, Survey 4 from which point a BLM reference monument was set bearing a compass course of N 87° E, at a distance of 5.47 feet;

**THENCE:** S 00° 07' 40" W along the common line between the herein described Survey 22 and said Survey 27 for a distance of 5278.49 feet to the **PLACE OF BEGINNING** and containing 643.9 acres of land as determined by a survey completed March 15, 2003 by D.G. SMYTH & CO.

**SAVE & EXCEPT**

**TRACT C**

(645.4 Acres)

All of the G. C. & S. F. RR. CO. Block 21W, Survey 30 (Minnie Laughlin Original Grantee) lying wholly in Potter County, Texas, and being more particularly described by metes and bounds as follows:

**BEGINNING** at a stone found marking the southeast corner of the herein described Survey 30, the southwest corner of A. C. H. & B. Block 21W, Survey 35, the northwest corner of G. C. & S. F. RR. CO. Block 21W, Survey 36 (Minnie Laughlin Original Grantee), and the northeast corner of G. C. & S. F. RR. CO. Block 21W, Survey 29 and from which point a BLM reference monument was set bearing a compass course of S 06° W, at a distance of 5.35 feet and another BLM reference monument was set on a compass course of S 84° E at a distance of 4.05 feet;

**THENCE:** N 89° 51' 14" W along the common line between the herein described Survey 30 and said Survey 29 for a distance of 5323.83 feet to a BLM monument set for the southwest corner of the herein described Survey 30, the northwest corner of G.C. & S. F. RR. CO. 21W, Survey 29, the northeast corner of G.C. & S.F. RR. CO. Block 21W, Survey 28 (Minnie Laughlin Original Grantee), and the southeast corner of G.C. & S.F. RR. CO. Block 21W, Survey 27 from which point a BLM reference monument was set bearing a compass course of N 29 W, at a distance of 10.38 feet and another reference monument was set on a compass course of S 73° W, at a distance of 19.85 feet;

**THENCE:** N 00° 07' 40" E along the common line between the herein described Survey 30 and said Survey 27 for a distance of 5280.17 feet to a BLM monument set for the northwest corner of the herein described Survey 30 and the northeast corner of said Survey 27 on the south line of Gunter & Munson Block G & M 5 Survey 45 from which point a BLM reference monument was set bearing a compass course of N 0°, at a distance of 18.3 feet and another reference monument was set on a compass course of S 26° W at a distance of 2.25 feet;

**THENCE:** S 89° 52' 20" E along the common line between the herein described Survey 30 and said Survey 45, at 2687.89 feet passing a BLM monument set for the southeast corner of said Survey 45 and the southwest corner of Gunter & Munson Block G & M 5 Survey 39 from which point a BLM reference monument was set bearing a compass course of S 31° W, at a distance of 25.65 feet, and continuing along the same course now with the common line between the herein described Survey 30 and said Survey 39, at 5276.93 feet passing a stone found marking the lower southeast corner of said Survey 39 and the southwest corner of Gunter & Munson Block G & M 4, Survey 1 from which point a BLM reference monument was set bearing a compass course of N 45° E, at a distance of 2.9 feet, and in all a distance of 5323.83 feet to a BLM monument set for the

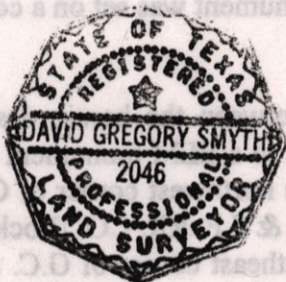
northeast corner of the herein described Survey 30 and the northwest corner of aforesaid A. C. H. & B. Block 21W, Survey 35 on the south line of said Survey 1 from which point a BLM reference monument was set bearing a compass course of S 73° W, at a distance of 8.12 feet;

**THENCE:** S 00° 07' 40" W along the common line between the herein described Survey 30 and said Survey 35 for a distance of 5281.85 feet to the **PLACE OF BEGINNING** and containing 645.4 acres of land within the herein described boundary as determined by a survey completed March 15, 2003, by D.G. SMYTH & CO.

Leaving a net acreage of 11790.0 acres of land.

THE STATE OF TEXAS:  
COUNTY OF UVALDE:

It is hereby certified that the foregoing field note description and Attached plat were prepared from an actual on the ground survey Made by personnel working under my direct supervision and that Same are true and correct according to same said survey.



A handwritten signature in black ink, appearing to read "D. G. Smyth", written over a horizontal line.

D. G. Smyth-Licensed State Land Surveyor  
Reg. No. 2046